

SLIDE-OUT LIFTING AND LOWERING MECHANISM

Abstract of the Disclosure

A recreational vehicle having a slide-out housing, wherein the slide-out housing may be positioned in either a retracted or deployed configuration. In the deployed configuration, the slide-out housing extends outwardly from a main housing of the recreational vehicle so as to enlarge the living space within the main housing. In the retracted configuration, the slide-out housing extends inwardly into the main housing so as to reduce the living space within the main housing. In various embodiments, the slide-out housing is lifted prior to retraction and lowered after deployment so that the floor of the slide-out housing aligns with the floor of the main housing. In other various embodiments, vertical movement of the slide-out housing may occur during retraction and deployment. Moreover, the recreational vehicle may utilize a vertical actuating assembly, as disclosed herein, that is adapted to engage with the slide-out housing to thereby lift and lower the slide-out housing.

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